







**PRELIMINARY REPORT  
INDUSTRY SERIES**

# **1982**

## **Census of Construction Industries**

CC82-I-20(P)  
Issued April 1984

**WATER WELL DRILLING SPECIAL TRADE CONTRACTORS  
(Industry 1781)**

During 1982, the establishments with paid employees classified in this industry accounted for \$1,037 million in total business receipts. Of this amount, \$1,019 million were receipts for construction work. These establishments paid out \$427 million for materials, components, supplies, and fuels and \$30.0 million for construction work subcontracted to others. This industry had total average employment of 17,253 employees with total payroll of \$250 million. Value added for 1982 was \$580 million.

Establishments classified in this industry are primarily engaged in water well drilling and servicing water wells. For specific examples, refer to the 1972 Standard Industrial Classification (SIC) Manual, and its 1977 supplement, published by the Office of Management and Budget, Executive Office of the President.

For this census, a "construction establishment" was defined as a relatively permanent office or other place of business at which or from which the usual business activities related to construction were conducted. A separate census report was required from each establishment but not from each construction site. Instead, the data for work at each site were included in the report from the appropriate office or branch office. Foreign construction activities were not included in this census.

The 1982 estimates for establishments with paid employees in all of the construction industries are based on reports from a probability sample of approximately 172,000 establishments selected from a universe of about 498,000 construction establishments with payroll. The data obtained from the sample were weighted to represent all construction establishments with payroll. Complete descriptions of the sampling and estimating procedures will be included in the final reports.

Since the data in this report are based on a sample, they are subject to sampling variability and may be expected to differ from results which would have been obtained if a complete census had been taken using the same questionnaires and procedures. The relative standard error shown in the tables is a measure of sampling variability, i.e., the variation that might occur by chance because only a sample of the population was surveyed.

All data shown are based on current dollars for the years specified and have not been adjusted for inflation.



U.S. Department  
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**Table 1. General Statistics for Establishments With Payroll by States: 1982 and 1977**

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see page 4.]

Location of establishment	1982								
	Number of establish- ments	Employees**		Payroll		Construction worker hours (thousands)	Total construction receipts	Net construction receipts†	
		All	Construction workers	All employees	Construction workers				
	A	B	C	D	E	F	G	H	
<b>United States</b>	3 516	17 253	13 775	250 449	191 000	25 458	1 019 012	988 998	
Alabama	38	180	141	2 236	1 580	282	12 080	11 563	
Alaska	20	(S)	(S)	(S)	(S)	(S)	(S)	(S)	
Arizona	40	254	219	4 124	3 410	446	18 057	17 638	
Arkansas	67	266	225	3 780	3 105	399	18 695	18 362	
California	220	1 579	1 211	23 401	16 858	2 127	95 757	91 132	
Colorado	63	347	279	5 533	4 321	537	22 015	21 621	
Connecticut	42	191	152	1 743	1 503	281	9 430	9 336	
Delaware	5	49	35	694	463	(D)	2 106	(D)	
District of Columbia	—	—	—	—	—	—	—	—	
Florida	173	1 047	781	13 969	10 067	1 533	57 461	55 751	
Georgia	107	404	348	4 886	4 052	677	25 152	24 744	
Hawaii	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
Idaho	23	84	77	973	873	108	3 270	3 243	
Illinois	99	437	320	7 831	5 794	570	27 039	26 544	
Indiana	89	318	264	5 117	3 827	487	18 766	18 278	
Iowa	46	172	119	2 515	1 767	231	8 547	8 197	
Kansas	61	391	277	5 251	3 646	550	23 903	23 449	
Kentucky	27	159	128	2 299	1 529	224	11 139	(D)	
Louisiana	46	432	371	5 489	4 225	747	21 215	19 571	
Maine	28	79	68	*1 112	*945	107	3 651	3 341	
Maryland	42	341	271	4 457	3 570	525	15 295	15 157	
Massachusetts	34	185	154	2 784	2 439	295	11 192	10 999	
Michigan	179	527	425	6 089	4 730	703	25 474	25 127	
Minnesota	102	580	474	9 375	7 085	756	38 356	37 803	
Mississippi	47	277	235	5 024	3 687	517	24 050	23 178	
Missouri	84	334	260	5 235	3 946	492	24 954	23 855	
Montana	55	187	171	2 042	1 799	283	9 052	8 969	
Nebraska	96	521	422	7 503	5 893	763	33 765	33 095	
Nevada	31	115	94	1 673	1 580	165	(D)	6 834	
New Hampshire	32	99	79	1 537	1 182	150	6 084	5 851	
New Jersey	53	384	308	7 800	5 682	626	27 751	26 188	
New Mexico	67	171	153	1 964	1 764	269	8 362	8 263	
New York	122	585	444	9 321	7 252	831	35 860	35 451	
North Carolina	101	484	354	5 825	4 153	647	25 473	25 335	
North Dakota	48	175	143	2 298	1 798	248	9 164	8 730	
Ohio	110	432	350	6 920	5 095	671	24 841	24 370	
Oklahoma	66	370	313	5 555	4 404	581	23 186	22 557	
Oregon	59	159	124	2 006	1 523	157	7 157	7 075	
Pennsylvania	116	557	413	8 416	6 394	717	28 956	28 524	
Rhode Island	12	(D)	(D)	(D)	(D)	128	5 134	5 080	
South Carolina	48	143	123	1 779	1 582	217	7 223	6 863	
South Dakota	43	(S)	(S)	(S)	(S)	(S)	(S)	(S)	
Tennessee	53	267	207	3 753	2 475	393	16 034	15 739	
Texas	337	2 094	1 736	31 697	24 004	3 420	130 317	124 397	
Utah	33	(S)	(S)	(S)	(S)	(S)	(S)	(S)	
Vermont	*16	(S)	(S)	(S)	(S)	(S)	(S)	(S)	
Virginia	100	477	375	5 680	4 267	643	23 855	23 633	
Washington	86	328	261	4 624	3 888	457	19 064	18 733	
West Virginia	29	71	69	*771	*753	*133	2 808	2 752	
Wisconsin	80	297	216	4 035	2 977	366	16 447	16 016	
Wyoming	30	(S)	(S)	(S)	(S)	(S)	(S)	(S)	

## 1982—Con.

1977

Value added††	Payments for materials, components, supplies, and fuels	Payments for construction work subcontracted to others	Rental payments for machinery, equipment, and structures	Capital expenditures, other than land	End-of-year gross book value of depreciable assets	All employees**	Total construction receipts	Value added††	Relative standard error of estimate (percent) for column—			Location of establishment
	I	J	K	L	M	N	O	P	Q	B	H	M
579 889	426 804	30 014	11 259	34 018	527 482	22 352	1 090 418	628 789	2	2	5	U.S.
(D)	(D)	517	354	850	5 707	304	14 681	7 378	24	29	35	Ala.
(S)	(S)	(S)	(S)	(S)	(S)	79	5 279	3 355	—	—	—	Alaska
10 406	7 258	418	313	643	10 603	297	17 254	10 850	16	15	11	Ariz.
10 475	8 000	333	124	388	6 771	330	15 945	9 147	18	16	26	Ark.
54 162	39 061	4 624	1 620	2 933	49 938	2 190	124 759	76 728	7	7	10	Calif.
13 056	8 582	394	138	802	15 353	594	30 321	17 329	15	14	14	Colo.
5 645	(D)	94	58	*148	3 088	239	9 060	5 679	27	27	54	Conn.
1 423	1 073	(D)	25	(D)	1 620	55	(D)	1 402	15	—	—	Del.
—	—	—	—	—	—	—	—	—	—	—	—	D.C.
30 970	26 353	1 710	482	1 246	19 171	896	36 076	19 823	10	7	13	Fla.
14 094	10 698	408	113	358	11 729	544	21 327	10 977	16	15	19	Ga.
(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	—	—	—	Hawaii
1 829	1 426	*27	*17	99	2 251	218	13 269	8 225	39	37	35	Idaho
15 613	11 291	495	385	516	18 015	822	52 227	31 612	12	10	14	Ill.
11 092	7 272	488	41	472	10 092	517	23 620	13 803	16	14	25	Ind.
4 861	3 571	350	75	123	5 904	523	24 324	13 772	18	13	10	Iowa
14 665	9 251	454	201	717	13 075	596	33 514	19 937	16	8	5	Kans.
5 163	5 114	(D)	100	348	7 379	159	5 349	3 270	24	—	19	Ky.
9 350	10 262	1 644	537	713	8 544	488	15 026	8 781	8	7	(W)	La.
*1 347	2 005	*310	23	153	(D)	112	5 210	3 239	37	36	31	Maine
8 482	(D)	*138	142	658	10 040	397	16 001	9 263	21	17	15	Md.
6 777	4 232	193	32	475	5 181	156	5 972	3 723	17	17	18	Mass.
14 570	10 848	347	241	383	14 741	858	43 149	23 107	13	12	7	Mich.
25 312	12 994	553	814	899	18 875	682	41 537	22 103	9	10	10	Minn.
14 413	9 010	872	127	1 412	10 251	363	16 561	9 037	12	9	14	Miss.
13 345	10 830	1 099	252	1 221	9 803	558	28 809	16 376	12	11	6	Mo.
4 784	4 204	*83	55	487	6 497	203	7 904	4 631	21	20	32	Mont.
18 676	15 470	670	204	1 189	16 075	1 091	75 295	38 117	11	9	17	Nebr.
3 600	3 831	(D)	22	212	8 266	158	9 176	5 582	25	29	5	Nev.
3 331	2 526	*232	31	53	3 710	147	5 711	3 366	25	24	(W)	N.H.
16 898	9 350	1 563	356	564	10 971	443	17 305	10 078	9	7	(W)	N.J.
4 879	3 390	*99	57	266	3 099	239	8 995	4 695	21	25	26	N. Mex.
20 489	15 192	409	344	1 337	15 457	651	26 419	15 630	12	10	28	N.Y.
13 606	11 881	138	123	*3 037	18 724	760	30 752	17 592	17	18	44	N.C.
4 713	4 216	*434	311	128	5 574	152	7 676	(D)	25	24	18	N. Dak.
16 210	9 441	470	214	563	13 206	524	21 773	12 070	14	11	13	Ohio
15 489	8 493	*628	455	1 920	10 757	202	8 268	4 538	21	18	36	Okla.
4 495	2 591	82	79	28	6 987	240	14 140	8 475	20	17	(W)	Oreg.
17 499	12 301	431	183	1 039	20 426	859	44 336	25 966	13	13	28	Pa.
3 644	(D)	54	(D)	(D)	1 726	109	4 977	3 271	—	12	—	R.I.
3 940	3 215	(S)	42	214	5 349	(D)	5 775	3 186	23	30	28	S.C.
8 922	7 175	294	138	1 067	12 522	350	11 114	5 730	—	—	—	S. Dak.
67 292	58 870	5 920	1 500	4 034	50 624	1 745	14 658	9 483	21	17	8	Tenn.
(S)	(S)	(S)	(S)	(S)	(S)	177	74 513	40 722	7	6	8	Tex.
(S)	(S)	(S)	(S)	(S)	(S)	108	8 093	5 543	—	—	—	Utah
13 844	9 878	222	193	881	11 315	113	4 611	2 743	—	—	—	Vt.
11 498	7 716	331	151	743	19 705	552	22 637	14 138	13	11	18	Va.
1 556	*1 245	*56	*45	*75	1 194	127	5 181	3 176	37	37	40	W. Va.
9 238	6 858	431	149	78	9 520	580	29 597	16 282	17	18	36	Wis.
(S)	(S)	(S)	(S)	(S)	(S)	108	4 060	2 387	—	—	—	Wyo.

**Table 2. Construction Receipts for Establishments With Payroll by Type of Construction:  
1982 and 1977**

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see page 4]

Item	1982	1977	Relative standard error of estimate (percent)	
			1982	1977
Total construction receipts -----	1 019 012	1 090 418	2	2
Building construction -----	(S)	(S)	-	-
Nonbuilding construction -----	(S)	(S)	-	-

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The following abbreviations and symbols are used in the tables in this publication:

- \* Sampling error exceeds 40 percent.
- \*\* All employees (average) is the sum of construction workers during pay period including 12th of March, May, August, and November divided by 4, added to all others, March 12th.
- Represents zero.
- † Represents total construction receipts less payments for construction work subcontracted to others.
- †† Represents all business receipts less payments for construction work subcontracted to others, and payments for materials, components, supplies, and fuels. In SIC's 1531 and 6552, land receipts are also subtracted from "all business receipts."
- (D) Withheld to avoid disclosing data for individual companies; data are included in higher level totals.
- (NA) Not available.
- (S) Withheld because estimate did not meet publication standards on the basis of either the response rate, associated standard error, or a consistency review.
- (W) Greater than zero but less than 1 percent.
- (X) Not applicable.
- n.s.k. Not specified by kind.



